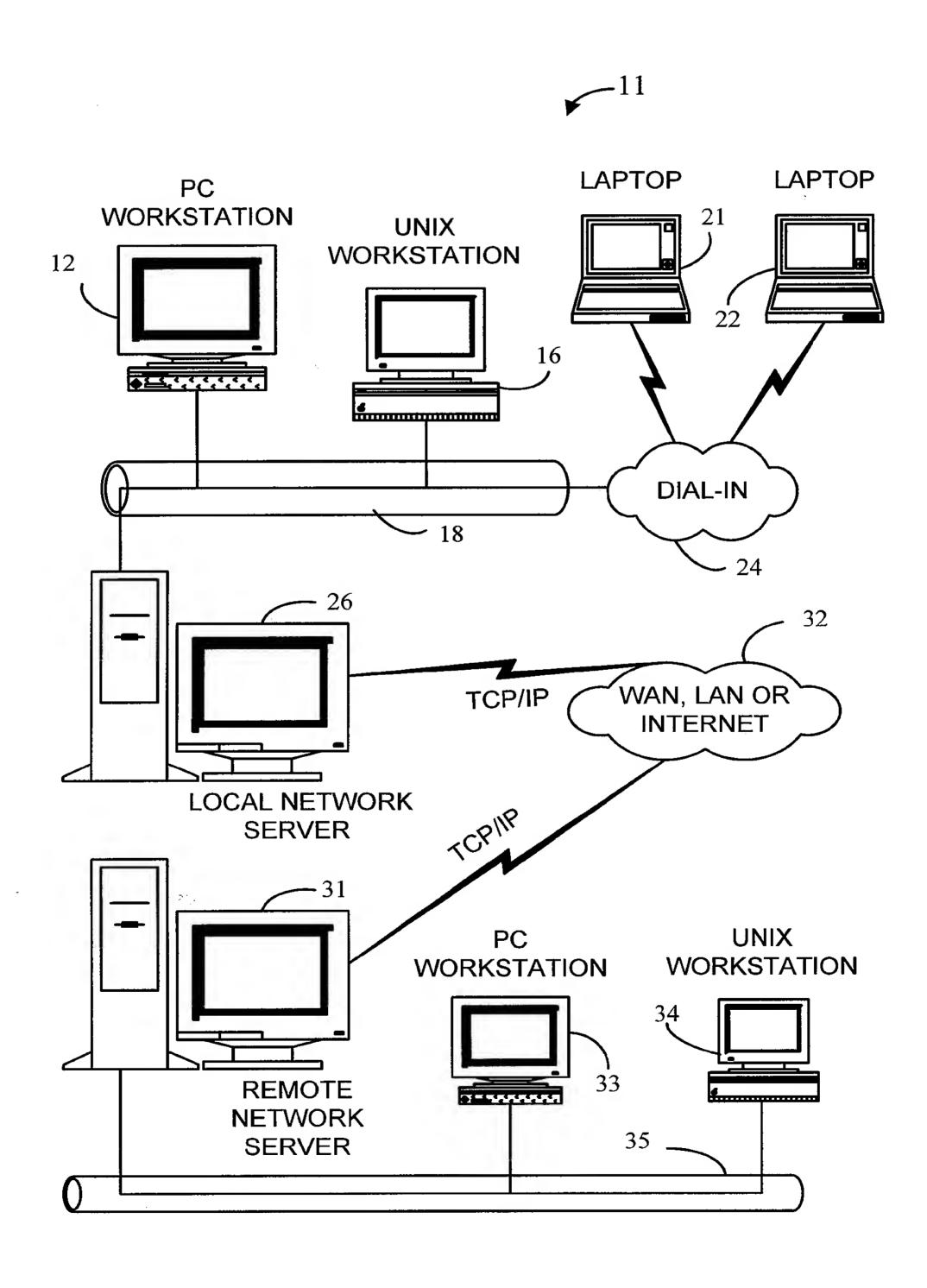
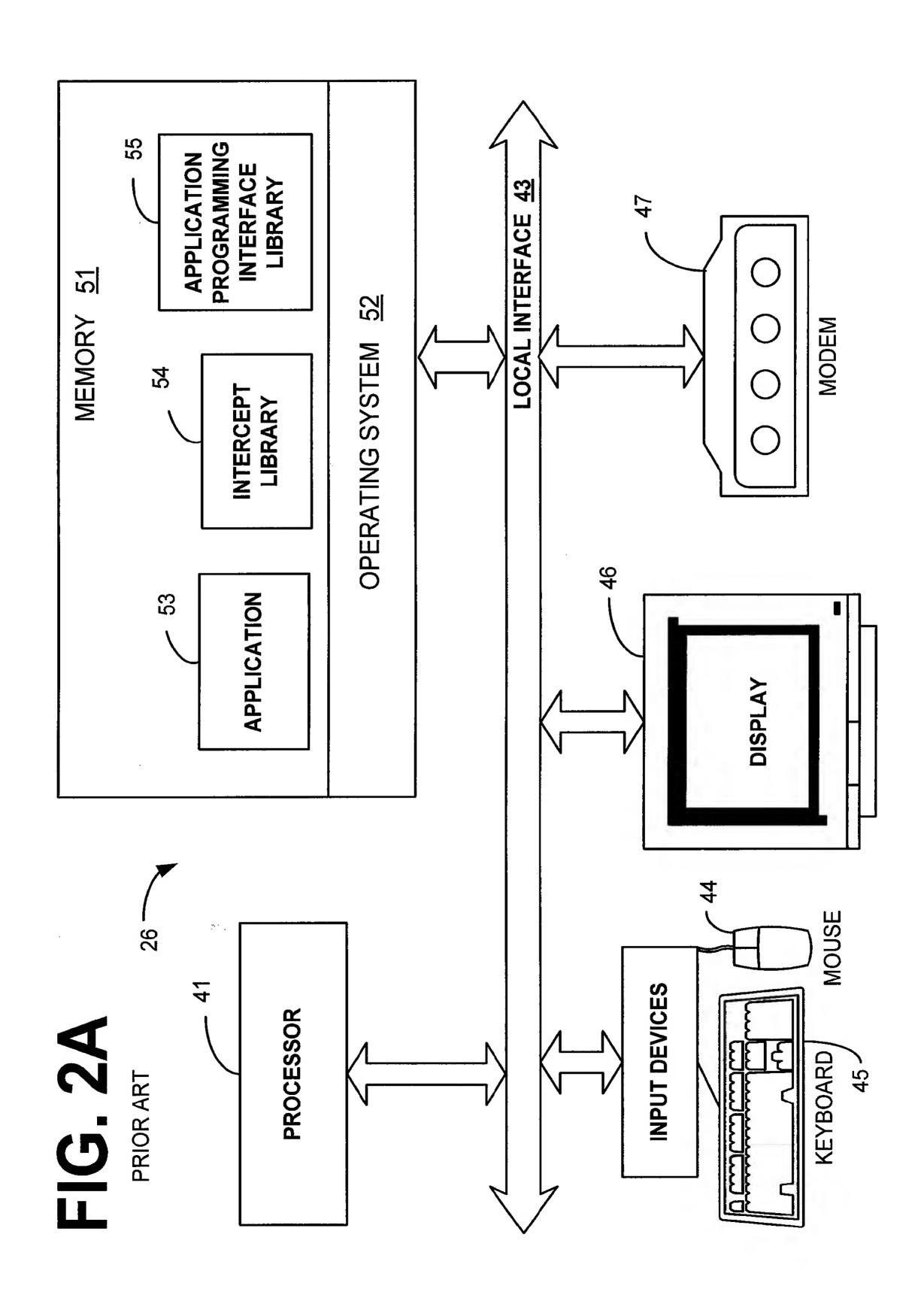
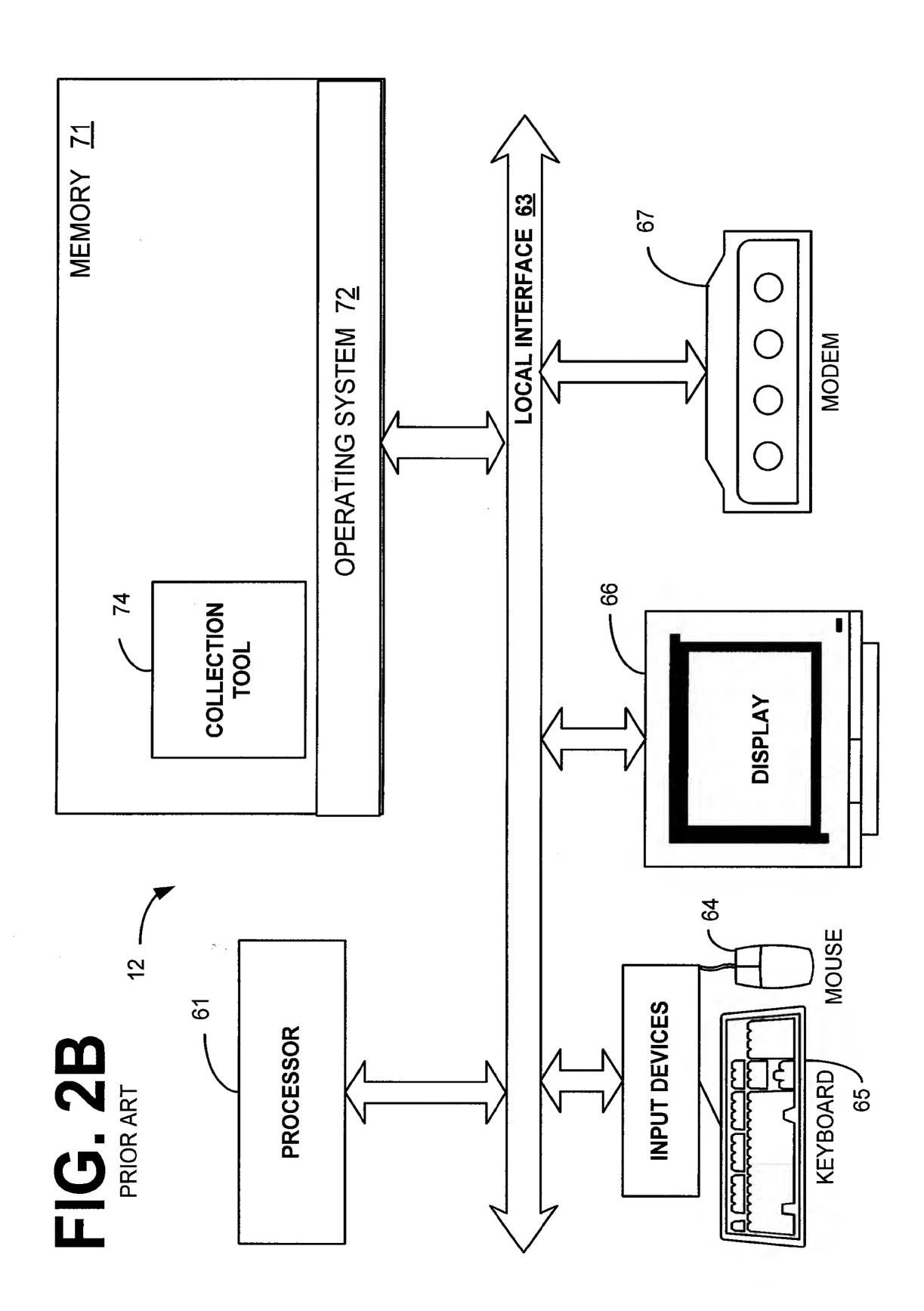
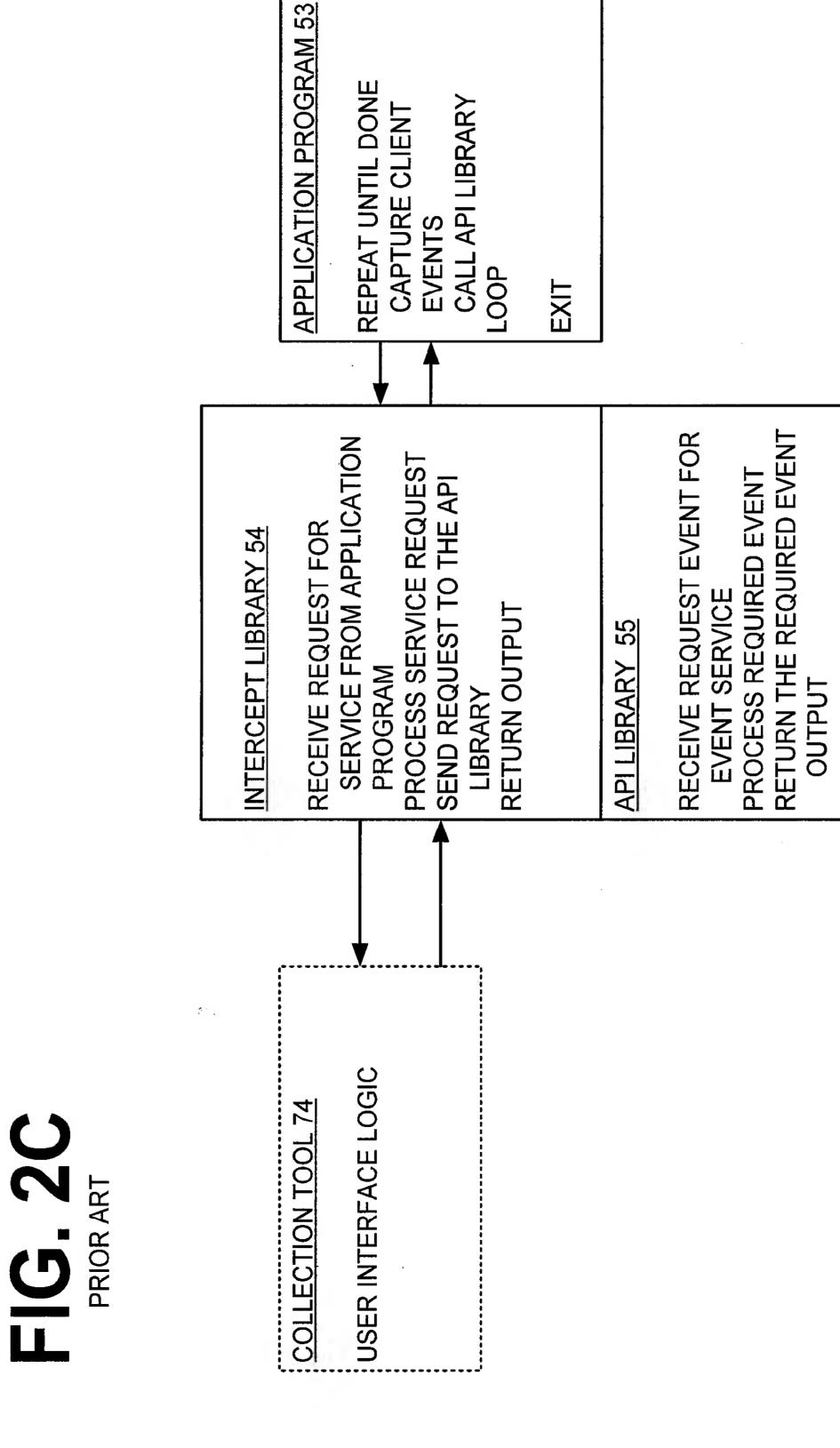
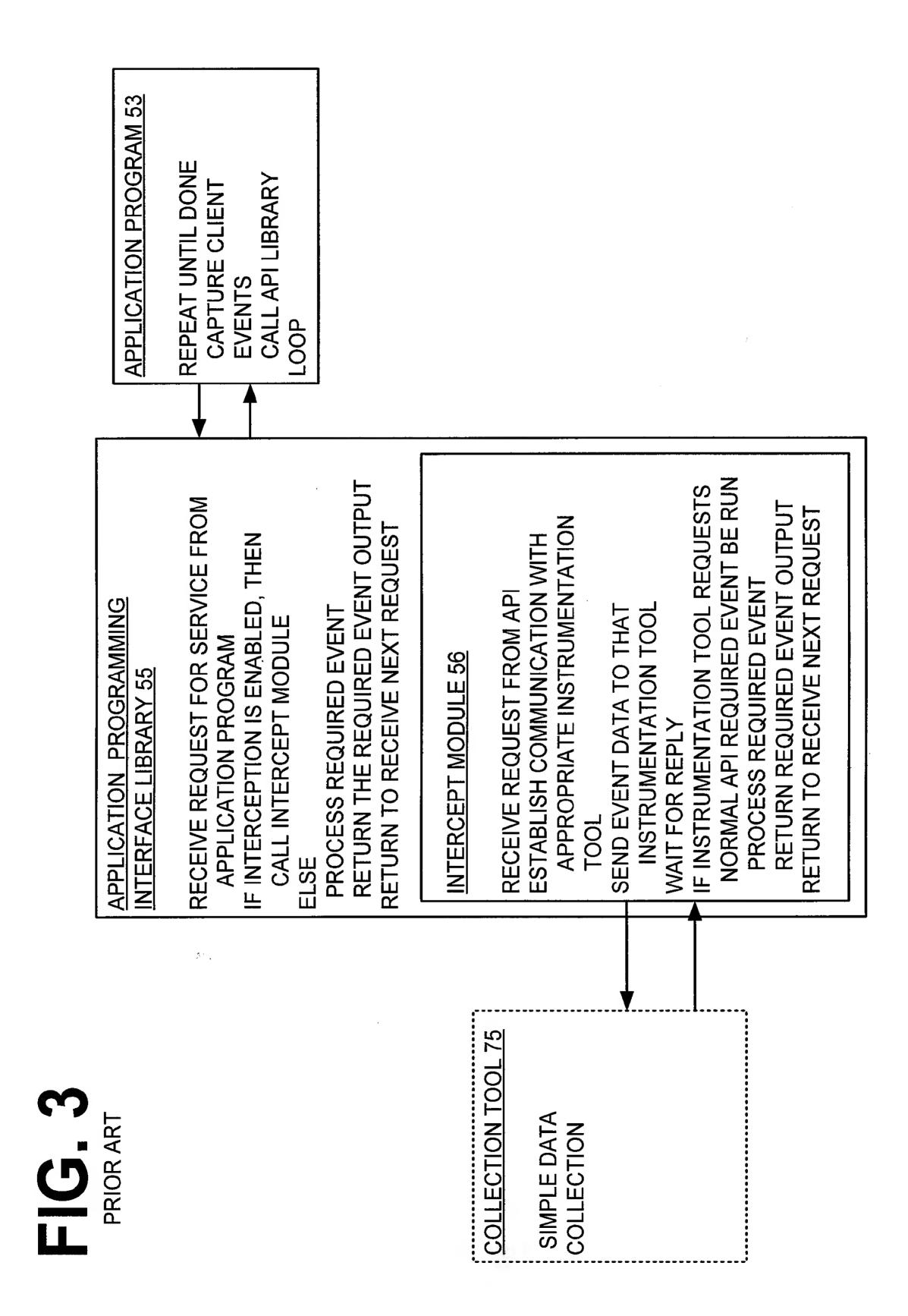
FIG. 1

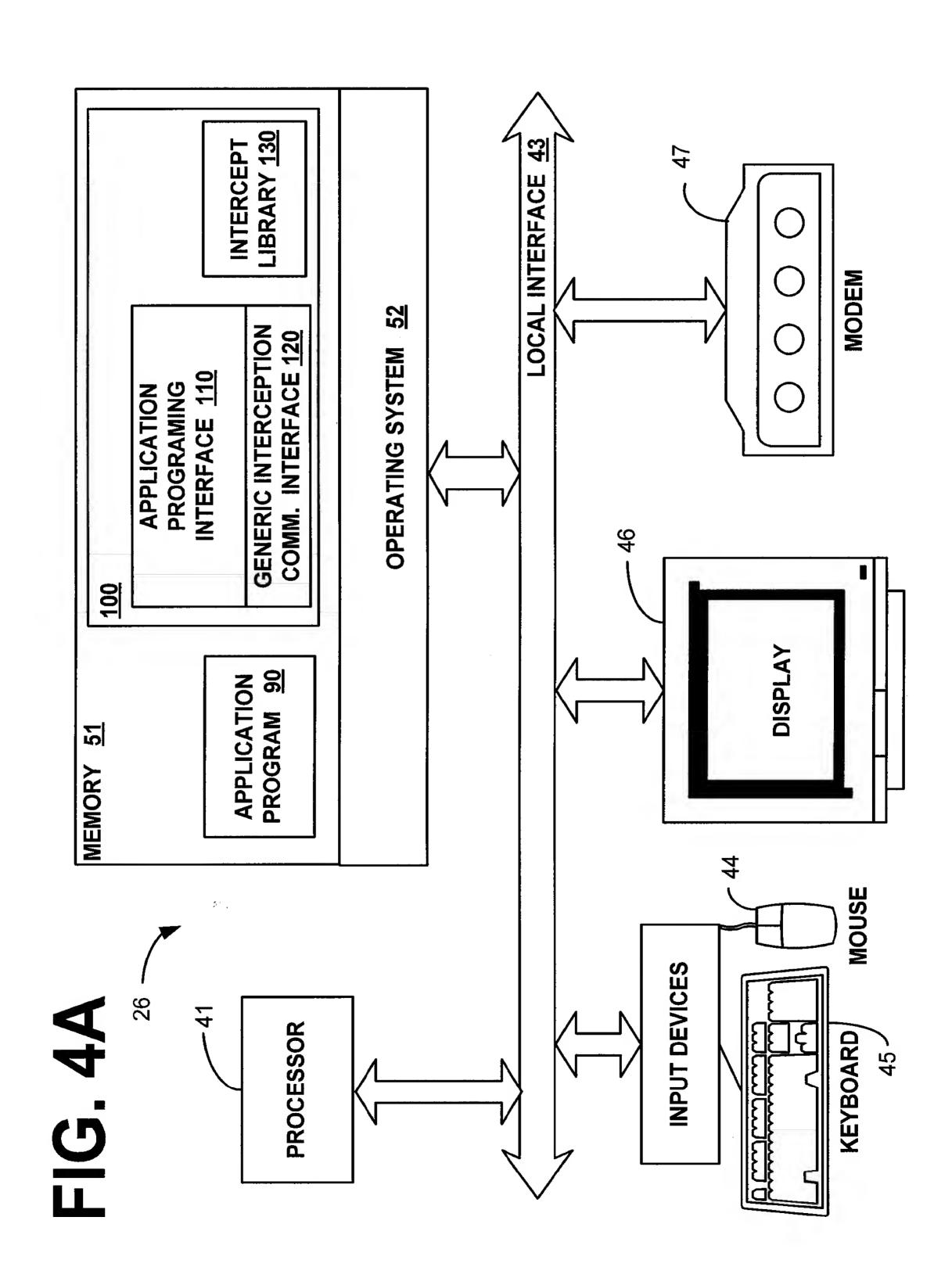












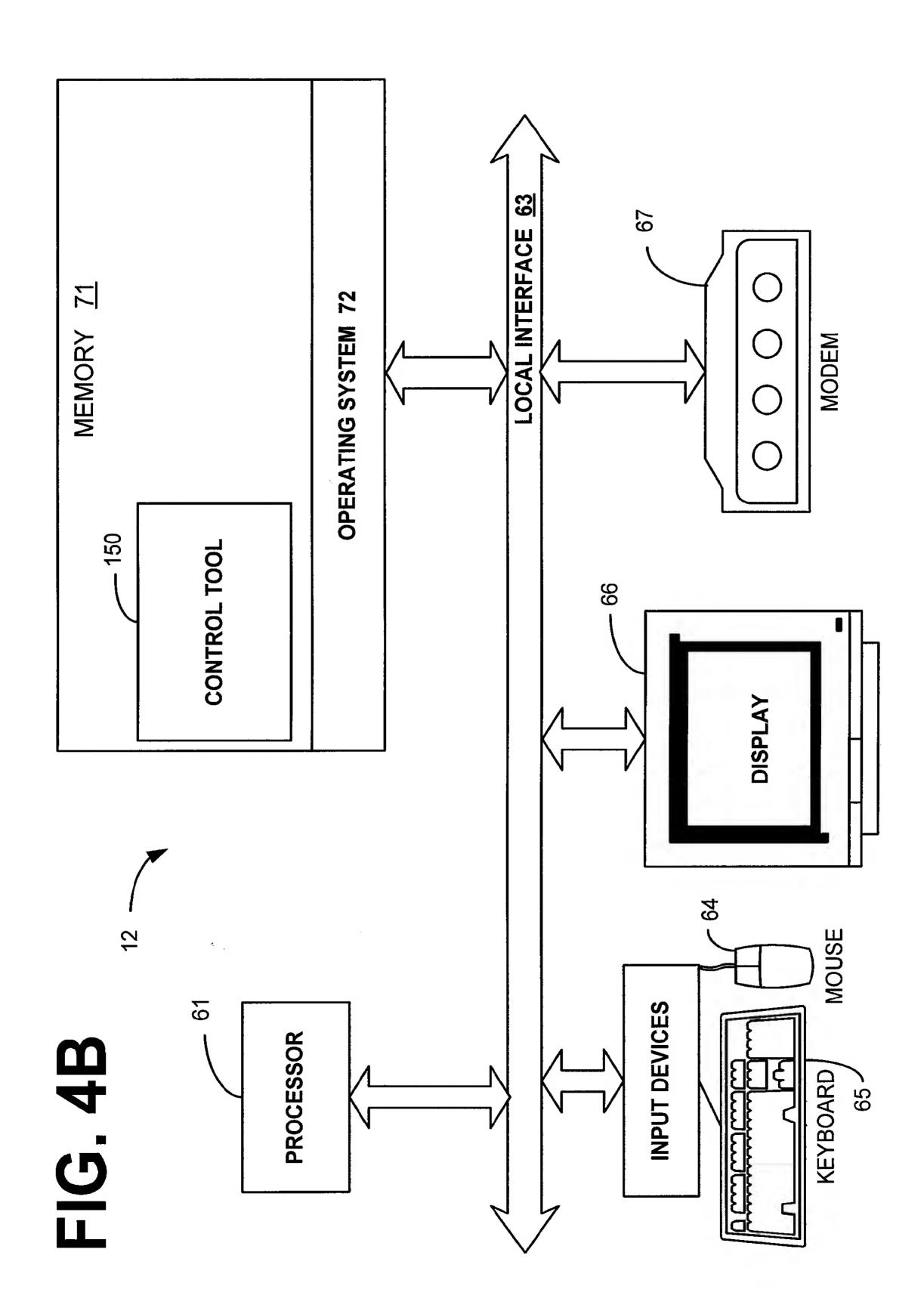


FIG. 4C



CAPTURE CLIENT EVENTS REPEAT UNTIL DONE CALL API

LOOP

130 INTERCEPT LIBRARY

REGISTER EVENTS OF INTEREST AND
EVENT RECEIVING HANDLERS
ESTABLISH COMMUNICATION WITH
CONTROL TOOLS INITIALIZATION

TOOLS

CONTROL

150

SIMPLE DATA

COLLECTION

WAIT TO RECEIVE EVENT FROM API
PERFORM EVENT DATA PROCESSING
IF REQUIRED TO PROCESS EVENT
PROCESS EVENT
RETURN SERVICE REQ. OUTPUT
RETURN SERVICE REQ. OUTPUT
EVENT WAS HANDLED

ELSE

RETURN REPLY TO API THAT THE EVENT WAS NOT HANDLED RETURN TO WAIT TO RECEIVE NEXT EVENT FROM API

SEARCH FOR INTERCEPT LIB. IF INTERCEPT LIB. FOUND SEND INITIALIZATION EVENT **WAIT FOR REPLY**

API

INIT. INTERCEPT EVENT SEND HANDLERS IN GENERIC INTERCEPTION COMM. INTER.

RECEIVE SERVICE REQ. FROM APP. PROG. IF INTERCEPTING

GENERATE EVENTS FOR SERVICE REQ. SEND EVENTS TO INTERCEPT LIB. USING

SEND HANDLERS IN GENERIC INTERCEPTION COMM. INTER.

WAIT FOR REPLY

SERVICE APP. PROG. REQUEST RETURN SERVICE REQ. OUTPUT TO APP. IF INTERCEPT LIB. HANDLED ALL EVENTS RETURN 山

SERVICE APPL. PROG. REQUEST
RETURN SERVICE REQ. OUTPUT TO APP.
PROG. PROG. 冚

GENERIC INTERCEPTION COMM. INTER (SEND HANDLERS) 120

RECEIVE EVENT FROM API SEND EVENT TO REQUIRED INTERCEPTION

WAIT FOR REPLY FROM INTERCEPTION LIB

FIG. 5

